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(54) Title: WATER SOLUBLE SACHET CONTAINING HARD SURFACE CLEANER

(57) Abstract: The invention relates to a water soluble container which containing concentrate composition useful for hard surface disinfecting and cleaning comprising: (a) at least one cationic surfactant having germicidal properties; (b) at least one non-ionic surfactant; (c) at least one organic solvent having a solubility in water of at least 4%wt.; (d) optionally, at least one alkanolamine; (e) optionally, at least one polyethylene glycol; and (f) optionally, up to about 10% wt. of one or more conventional additives selected from coloring agents, fragrances and fragrance solubilizers, viscosity modifying agents, other surfactants, other antimicrobial/germicidal agents, pH adjusting agents and pH buffers including organic and inorganic salts, optical brighteners, opacifying agents, hydrotropes, antifoaming agents, enzymes, anti-spotting agents, anti-oxidants, preservatives, and anti-corrosion agents; wherein said concentrate composition contains no more than 20%wt. water, and desirably contains less. The water soluble containers can be made by thermoforming or injection molding. Methods for the manufacture of such containers containing the concentrate compositions and methods for the treatment of hard surfaces using the concentrate compositions and especially aqueous dilutions of the concentrate compositions are disclosed.

INTERNATIONAL SEARCH REPORT

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PCT/GB 03/03707

A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C11D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 136 776 A (RUCK J BARRY ET AL) 24 October 2000 (2000-10-24) claims; example 15	1,3,8,9, 14-17, 21,22
A	EP 1 120 459 A (YPLON S A) 1 August 2001 (2001-08-01) paragraph '0020! - paragraph '0021!; claims	1,3, 7-11,14
P,A	GB 2 376 238 A (RECKITT BENCKISER INC) 11 December 2002 (2002-12-11) page 14, last paragraph; claims; examples	1-22

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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